

WHAT IS CLAIMED IS:

1. An electronic camera comprising:
 - imaging means for imaging an image of an object;
 - first image creating means for creating a first image based on the image imaged by said imaging means;
 - operating means for setting information indicating a predetermined process;
 - first transmission means for transmitting the first image and the information indicating the predetermined process to a center via a communication line;
 - reception means for receiving an image transmitted from the center according to a processing result of the first image;
 - display means for displaying the image received by the reception means; and
 - second transmission means for transmitting to the center a second image having a larger number of pixels than an image corresponding to the first image.
2. The electronic camera according to claim 1, wherein a processing set by said operating means is a synthesizing processing of an imaged image with a desired background image.
3. The electronic camera according to claim 1, wherein a processing set by said operating means is a synthesizing processing of a panorama image.
4. The electronic camera according to claim 1,

卷之三

further comprising background selection means for selecting a background image, wherein

5 said first transmission means transmits the first image created by said first image creating means and a data relating to a background image selected by said background image selection means to the center via the communication line,

10 said reception means receives a synthesized image by synthesizing the first image with the background image transmitted from the center, via the communication line, and

15 said second transmission means transmits to the center via the communication line the second image having a larger number of pixels than an image corresponding to the first image and the data relating to the background image selected by said background image selection means.

20 5. The electronic camera according to claim 4, wherein said background image selection means selects an arbitrary background image among background images received by said reception means and stored in the center.

25 6. The electronic camera according to claim 4, wherein the background image selected by said background image selection means is scrollable in at least one of a horizontal direction and a vertical direction.

7. The electronic camera according to claim 1,
wherein the first image is a reduced image of the image
imaged by the imaging means, and the second image is an
image before the reduction.

5 8. An electronic camera comprising:
 imaging means for imaging an image of an object;
 transmission means for transmitting to a center
 via a communication line a first image obtained by the
 imaging means; and
10 reception means for receiving via the
 communication line a predetermined data processed by
 the center based on the first image transmitted to the
 center, wherein
 an imaging operation is performed by said imaging
15 means based on the data received by said reception
 means, and
 the second image obtained through the imaging is
 transmitted to the center via the communication line.
20 9. The electronic camera according to claim 8,
 further comprising storage means for storing the images
 obtained by said imaging means, wherein
 an imaging is performed by said imaging means
 based on a data received by said reception means, and
 at least one of transmission of the second image
25 obtained by the imaging to the center via the
 communication line and storage thereof in said storage
 means is performed.

20053347-0123456789

10. The electronic camera according to claim 8,
wherein a size of the first image is smaller than that
of the second image.

11. The electronic camera according to claim 8,
5 wherein the data is a synthesized image of a principal
portion of the first image and a background image
stored in advance at the center.

12. The electronic camera according to claim 8,
wherein the data is a synthesized image of an image
10 obtained by previously imaging and an image transmitted
to the center.

13. An imaging system comprising an electronic
camera for imaging an object and a center for
processing an image, said electronic camera and said
15 center being connected with each other via a
communication line, wherein

20 said center includes: center-side reception means
for receiving an image and an information indicating a
predetermined process to be performed to the image;
processing means for performing a predetermined process
25 to the received image based on the information received
by the center-side reception means; and center-side
transmission means for transmitting a result of the
processing performed by said processing means, and

25 said electronic camera includes: imaging means for
imaging an object; first image creating means for
creating a first image based on an image imaged by said

imaging means, operating means for setting information indicating a predetermined process, first camera-side transmission means for transmitting the first image and the information indicating the predetermined process to
5 the center; camera-side reception means for receiving a result of the processing transmitted from the center; display means for displaying the processing result received by the camera-side reception means; and second camera-side transmission means for transmitting to the
10 center a second image corresponding to the first image and having a larger number of pixels than the first image.

14. An imaging system comprising an electronic camera for imaging an object and a center for processing an image, said electronic camera and said center being connected via a communication line,
15 wherein

20 said center includes: center-side reception means for receiving an image and a background image with respect to the image; processing means for synthesizing the image and the background image received by the center-side reception means; and center-side transmission means for transmitting a result of the processing performed by said processing means, and
25

said electronic camera includes: imaging means for imaging an object; background selection means for selecting a background image; first image creating

means for generating a first image based on the image imaged by the imaging means; first camera-side transmission means for transmitting to the center the first image created by said first image creating means
5 and a data relating to a background image selected by said background image selection means; camera-side reception means for receiving a result of the process transmitted from the center; display means for displaying a synthesized image received by said camera-side reception means; and second camera-side transmission means for transmitting to the center a second image corresponding to the first image and having a larger number of pixels than the first image together with the data relating to the selected background image.

15. An imaging system comprising an electronic camera for imaging an object and a center for processing an image, said electronic camera and said center being connected via a communication line,
20 wherein

25 said center includes: center-side reception means for receiving an image; data generating means for generating a predetermined data based on the image received by said center-side reception means; and center-side transmission means for transmitting the data generated by said generating means, and
said electronic camera includes: imaging means for

202504162001

imaging an object; storage means for storing the image obtained by said imaging means; first camera-side transmission means for transmitting a first image imaged by said imaging means to the center; and camera-
5 side reception means for receiving the data transmitted from the center, in which an imaging is performed based on the data received by said camera-side reception means, and a second image obtained through this imaging is stored in said storage means.

10 16. An imaging system comprising an electronic camera for imaging an object and a center for processing an image, said electronic camera and said center being connected via a communication line, wherein

15 said center includes: center-side reception means for receiving an image; data creating means for creating a predetermined data based on the image received by said center-side reception means; and center-side transmission means for transmitting the data generated by data creating means, and

20 said electronic camera includes: imaging means for imaging an object; camera-side transmission means for transmitting a first image imaged by said imaging means to the center; and camera-side reception means for receiving the data transmitted by the center, in which an imaging is performed based on the data received by
25 said camera-side reception means, and a second image

10055334.012026

obtained through the imaging is transmitted to the center.

17. An imaging method comprising:

imaging an object;

5 creating a first image based on the imaged image; setting information indicating a predetermined image processing;

transmitting the first image and an information indicating a content of the predetermined image

10 processing to a center via a communication line;

receiving a result of a processing transmitted from the center via the communication line, after a predetermined processing is preformed to the first image based on the information indicating the image processing in said center;

displaying the processing result received; and transmitting to the center via the communication line a second image having a larger number of pixels than the image corresponding to the first image.

20 18. An imaging method comprising:

imaging an object;

selecting a background image;

generating a first image based on the imaged image;

25 transmitting the first image and a data about the selected background image to a center via a communication line;

receiving a synthesized image transmitted from the center via the communication line, after synthesizing the first image with the selected background image in the center;

5 displaying the synthesized image received; and transmitting to the center via the communication line a second image corresponding to the first image and having a larger number of pixels than the first image together with the data relating to the selected background image.

10 19. An imaging method comprising:
 imaging an object;
 storing the image obtained by an imaging;
 transmitting a first image obtained by the imaging
15 to a center via a communication line;
 receiving a predetermined data processed in the center via the communication line based on the first image transmitted to the center;
 performing an imaging based on the received data;
20 and
 storing a second image obtained by the imaging based on the received data.

25 20. An imaging method comprising:
 imaging an object;
 receiving a predetermined data processed in the center via the communication line based on the first image transmitted to the center;

performing an imaging based on the received data;
and
transmitting a second image obtained by the
imaging based on the received data.